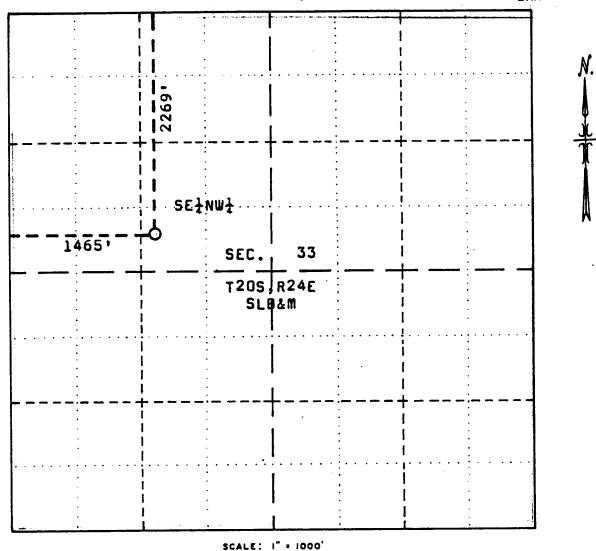
CONDITIONS OF APPROVAL, IF ANY:

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES DEPARTMENT OF THE INTERIOR

	DEPARIMEN	I OF THE INTE	RIOR		5. LEASE DESIGNATION AND SERIAL NO.
	U-32179				
APPLICATIO	N FOR PERMIT	TO DRILL, DEEP	PEN, OR PLUG	BACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
DR	RILL X	DEEPEN 🗌	PLUG BA	ACK 🗆	7. UNIT AGREEMENT NAME
	GAS X OTHER		BINGLE X MULT	IPLE [S. FARM OR LEASE NAME
NAME OF OPERATOR	WELL A. OTHER	2	ONE (A) ZONE		Federal
WALTER	D. BROADHEAD				9. WELL NO.
ADDRESS OF OPERATOR				\	Federal Harris No. 2
1645 N	orth 7th, Grand	Junction, CO	81501 (303/24	2-7717)	10. FIELD AND POOL, OR WILDCAT
At surface	Report location clearly and				Dr. Ciseo are
	FNL & 1465' FWL	, in the SE4NW4	, of Section 3	13	11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA
At proposed prod. zo	imately same				Sec 33, T20S, R24E, SLE
DISTANCE IN MILES	AND DIRECTION FROM NEA	REST TOWN OR POST OFFI	CB*		12. COUNTY OR PARISH 13. STATE
6.2 mi	les Northeaster	ly of Cisco, Ut	ah		Grand Utah
DISTANCE FROM PROF	OSED*		O. OF ACRES IN LEASE		F ACRES ASSIGNED
PROPERTY OR LEASE			1080	UM.	
DISTANCE FROM PRO	POSED LOCATION* DRILLING, COMPLETED,		PROPOSED DEPTH		RY OR CABLE TOOLS
OR APPLIED FOR, ON Th	HIS LEASE, FT.	0.5 mile	600'	rota	
. ELEVATIONS (Show wi	hether DF, RT, GR, etc.) GR 4533		10/		22. APPROX. DATE WORK WILL START* September 25, 1981
					3cp cember 23, 1301
		PROPOSED CASING AN	D CEMENTING PROG	RAM	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		QUANTITY OF CEMENT
8 5/8"	_	17#	100'		ate cement to surface
6 1/4"	4 1/2"	9.5#	TD	<u>50_SX</u>	cement
EXHIBI	TS ATTACHED:				
· · · · · · · · · · · · · · · · · · ·					
	ocation and Ele				
	en-Point Compli				
"C" B	llowout Prevente Multi-Point Requ	r Diagram	on .	PPRO	/ED DV Turn
	Noute & Distance		tius Man	OFUT	ED BY THE STATE
	Access Road & To	•	Itus Hup	— • • • • • • • • • • • • • • • • • • •	
	rill Pad Layout		_	J.C., G	US' YND WINING
	rill Rig Layout		D	ATE: _	8/23/8/
	roduction Facil		В	Y:	CB Ten las
		•			
ABOVE SPACE DESCRIB	E PROPOSED PROGRAM: If drill or deepen direction	proposal is to deepen or ally, give pertinent data	plug back, give data on on subsurface locations	present produ	uctive zone and proposed new productive land true vertical depths. Give blowout
venter program, if ar					
SIGNED Male	to DBroad	Efficiel TITLE	Operator	# - # - # - # - # - # - # - # - #	September 3, 198
(This space for Fed	eral or State office use)		· /		
PERMIT NO.			APPROVAL DATE		
APPROVED BY		TITLE			DATE

EXHIBIT "A"



FEDERAL HARRIS NO.2

Located South 2269 feet from the North boundary and East 1465 feet from the West boundary of Section 33, T20\$, R24E, SEB&M.

Elev. 4533

Grand County, Utah



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF





UDELL S. WILLIAMS

751 Rood Avenue GRAND JUNCTION, COLORADO 81501

PLAT OF PROPOSED LOCATION

FEDERAL HARRIS NO.2 SE1NW1 SECTION 33 T20S, R24E, SLB&M

DRAWN BY: USW DATE: 7/13/81

8

United States Department of the Interior Geological Survey 2000 Administration Bldg. 1745 West 1700 South Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION
Operator Walter D. Broadhead
Project Type Oil Well and Gas Well - Development
Project Location 2269' FNL & 1465' FWL - Sec. 33, T. 20S, R. 24E
Well No. Federal Harris #2 Lease No. U-32179
Date Project Submitted September 11, 1981
FIELD INSPECTION Date October 7, 1981
Field Inspection
Participants Craig Hansen - USGS, Vernal
Walter Broadhead - Operator
Elmer Duncan - BLM, Moab
Keven Cleary - BLM, Moab
Keven Gleary Bank
Related Environmental Documents:
I have reviewed the proposal in accordance with the categorical exclusion review
ALL MARKET PROBLEM NOT INVOLVE MILV BLEMFARVORE VILLE IN TO THE PROBLEM NOT TH
fore, does not represent an exception to the categorical exclusions.
10 16 St Min millinger
Date Prepared Environmental Scientist
concur NOTIFICATION OF 1001
NOV 05 1981 Date NOV 05 1981 Nov 05 1981 District Supervisor

Typing Out _____10-16-81

10-15-81

Criteria 516 DM 2.3.A	Corre- spondence (date)	al/State Ag Phone check (date)	gency Meeting (date)	Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
Public health and safety	B/m 10-30-81							10-7-81	
Unique charac- teristics	•		,				2	24,6	(
Environmentally controversial	/				·		2	246	
. Uncertain and unknown risks	1						2	24,6	
. Establishes precedents							2	24,6	
. Cumulatively significant	/						>	24,6	
. National Register historic places	,								(
. Endangered/ threatened species	/								
. Violate Federal, State, local, tribal law	1								

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

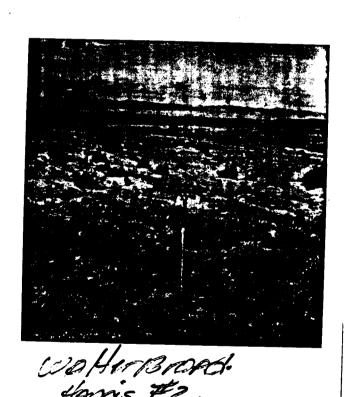
- Surface Management Agency Input
- Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division) 2.
- Lease Stipulations/Terms 3.
- Application Permit to Drill
- Operator Correspondence
- Field Observation
- Private Rehabilitation Agreement 7.

RECOMMENDED STIPULATIONS FOR WALTER D. BROADHEAD FEDERAL HARRIS #2:

- Production facilities will be painted a tan color to blend in with the natural surroundings.
- 2. Archeological clearance will be obtained.
- 3. Location will be rotated 90° to the left to accomodate the rig.
- 4. The location will be reduced to 100' x 100' due to rig size.
- 5. Approval from the pipeline company must be obtained.

COMMENTS:

A small rig will be used to drill the well, minimum disturbance of the surface will take place.





United States Department of the Interior

IN REPLY REFER TO 3109 U-32179 (U-068)

BUREAU OF LAND MANAGEMENT Moab District Grand Resource Area P. O. Box M Moab, Utah 84532

OCT 3 0 1981

Memorandum

To:

Oil & Gas Office

USGS Conservation Division

P.O. Box 1037

Vernal, Utah 84078

From:

Area Manager, Grand

Subject: Walter D. Broadhead (A.P.D.)

Federal Harris #2 Lease: #U-32179

SEINWIA Section 33, T. 20 S., R. 24 E., SLB&M

Grand County, Utah

On October 7, 1981 a representative from this office met with Cody Hansen, USGS, and Walter D. Broadhead, agent of Walter Broadhead for an inspection of the above referenced location. Subject to the attached conditions and written approval from USGS, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. threatened or endangered flora or fauna are indicated in the area.

Mat Chit

Please forward the enclosed information to Walter Broadhead.

Enclosures: (3)

1-Reclamation Procedures

2-Seed Mixture

3-Suggested Colors - Production Facilities

Company: Walter Broadhead Well: Federal Harris #2 Section 33. T. 20 S., R. 24 E.

ADDITIONS TO THE MULTIPOINT SURFACE USE PLAN AND RECLAMATION PROCEDURES

CONSTRUCTION:

- 1. The operator or his contractor will contact the Grand Resource Area Office in Moab, Utah phone (801 259-6111) 48 hours prior to beginning any work on public land.
- The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.
- 3. Use of water from sources such as wells, springs, streams or stock ponds for activities associated with this well will be approved, prior to use, by the agency or individual holding the water right.
- 4. If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the Grand Resource Area Office will be contacted. All employees working in the area will be informed by the operator that they will be subject to prosecution if they are caught disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will only be done if damage occurs.
- 5. Improvement to the existing road on lease will be necessary. The total disturbed width allowed will be 24 feet. The allowable travel surface will be 18 feet. Berms will be pulled from the edge of the road to the center and at least a 3 inch crown built along the road center. Low water crossings will be installed at each drainage crossing.

Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

Surfacing material will not be placed on the access road or location without prior BLM approval.

6. Location: Pad layout shows 200' X 250', but only 100' X 100' will be leveled for the rig and mud tanks. The remaining area will be left as is. The layout will be rotated 90° counter clockwise to accomodate the rig.

- 7. The top 6 inches of soil material will be removed from the 100' X 100' leveled area and stockpiled on the west side of the location.
- 8. The reserve pit will not be lined with commercial bentonite or plastic sufficient to prevent seepage. Keyway. The reserve pit banks will be 1.5 to 2.0 feet above pad and constructed in 8" lifts, machinery compacted, and sufficiently wide for equipment to pass over. An area 1.5 cat blades wide will be cleared behind the pit(s) for fire protection.
- 9. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying. The fence will be 48" high woven wire with one strand of barbed wire along the top for support.

PRODUCTION

- 1. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed in the methods described in the rehabilitation section. All of the stockpiled topsoil will be used in reclaiming the unused areas.
- 2. All above-ground production facilities will be painted using the attached suggested colors.
- 3. If the well produces oil and storage tanks are installed the dike will be high enough to contain the storage tank capacity plus 25%. The loading valves will be inside the berm and an one-half barrel pump at the end of the loading valve to prevent spillage.

REHABILITATION

- 1. Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation.

 All trash will be disposed of in the trash cage. Non-burnable debris will be hauled to a local town dump site.
- 2. The operator or his contractor will contact the Grand Resource Area BLM office in Moab, Utah, phone (801 259-6111), 48 hours prior to starting rehabilitation work that involves earthmoving equipment and upon completion of restoration measures.
- 3. Before any dirt work to restore the location takes place, the reserve pit must be completely dry and any trash (barrels, metal etc.) it contains must be removed from public lands.
- 4. All disturbed areas will be recontoured to blend as nearly as possible with the surrounding area.
- 5. The stockpiled topsoil will be evenly distributed over the disturbed area.
- 6. All disturbed areas will be scarified with the contour to a depth of 6 inches. Do not smooth pads out, leave a roughened surface.
- 7. Seed will be drilled at a time to be specified by the BLM with the following seed prescription. When broadcast seeding, a harrow or some such implement will be dragged over the seeded area to assure seed cover.
- 8. After seeding is complete the stockpiled trees will be scattered evenly over the disturbed areas and walked down with a dozer. The access will be blocked to prevent any vehicle use.
- 9. Waterbars will be used on all sloping surfaces as shown below:

<u>Grade</u>	<u>Spacing</u>
2% 2-4%	200 ft. spacing 100 ft. spacing
4-5%	75 ft. spacing
+5%	50 ft. spacing

SEED MIXTURE

Species		Rate
Grasses		lbs/acre
Oryzopsis hymenoides Hilaria jamesii	Indian rice grass Curley grass	1
Forbs		
Sphaeralcea coccinea	Globemallow	1
Shrubs		
Atriplex nuttallii Atriplex confertifolia Ceretoides lanata	Nuttal Saltbush Shadscale Winterfat	1 1 1
		6

Double this amount if the seed will be broadcast.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

Cisco Desert and Flats below the Bookcliffs: -

Dynasty Green

(Sears)

Tumbleweed

(Pratt & Lambert)

Desert Tan

_---

Sage Gray

(Pratt & Lambert)

Bookcliffs Region:

Sage Gray

(Pratt & Lambert)

Sca Life

(Pratt & Lambert)

Dynasty Green.

(Sears)

Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.

EXHIBIT "B"

TEN-POINT COMPLIANCE PROGRAM OF NTL-6

APPROVAL OF OPERATIONS

WALTER D. BROADHEAD Federal Harris No. 2 SE填NW氧, Sec 33, T2OS, R24E, SLB&M Grand County, Utah

1. Geologic Surface Formation

The surface formation is Dakota.

2. Important Geologic Markers

Formation Depth
Salt Wash 600

3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

<u>Formation</u>	<u>Depth</u>	<u>Fluids</u>
Salt Wash	600	Gas and/or Oil and/or Water

4. Proposed Casing Program

Surface Casing:

- (a) Drill 8 5/8" hole to 100' and set 7" 17-1b. cemented to surface.
- (b) Drill 6 1/4" hole to 600' and set 4 1/2" 9.5-1b. with 50 sx cement.

5. Operator's Minimum Specifications for Pressure Control

Exhibit "C" is a schematic diagram of the blowout preventer equipment planned for use in this well. The BOP's will be hydraulically tested to 1000 psi after nippling up and after any use under pressure. Pipe rams will be operationally checked each trip. All tests will be recorded in the daily drilling report. Accessories to BOP's include Kelly Cock, safety valve, drill string BOP and choke with pressure rating equivalent to the BOP stack.

6. Type of Characteristics of Proposed Muds

The well will be drilled with air and air mist until water is encountered, then it will be completed with mud. One hundred barrels of 8.5 to 9-1b. mud will be mixed up for use in drilling or in the event it is needed to kill well or logging operations.

EXHIBIT "B"
Federal Harris No. 2
Page 2

7. Auxiliary Equipment to be Used

(a) Kelly Cock will be kept in the string.

(b) A full opening stabbing valve will be on the floor for use, when the Kelly is not in the string.

(c) A float will be run at the bit.

(d) Monitoring equipment will be installed and used on the mud system.

8. The Testing, Logging and Coring Programs

(a) Drill stem tests are not planned at this time.

(b) The logging program will consist of Induction Electric & Compensated Nuclear Density.

c) No coring is planned.

(d) Drilling samples will be caught at 20' intervals BSC to 300'; from 300' to TD samples at 5' intervals.

9. Any Anticipated Abnormal Pressures or Temperatures Expected

No abnormal gas pressures or temperatures are expected. No hydrogen sulfide or other hazardous gasses or fluids have been reported in the area.

10. Anticipated Starting Date and Duration of Operations

The anticipated starting date is September 25, 1981, or as soon as possible after approval of all drilling requirements.

Drilling operations should be completed 3 to 4 days after spudding.

EXHIBIT "C" Blowout Preventer Diagram CHECK VALUE Fire The RESAN HYORAULIE LINE TORUS BLOWDUT. PREVENTER . 6000 PSI WORTHIS PRESSUR SLOW LINE LUP LINE SILL LINE 7" CASING HEAD IRRUND LEVEL 7" SURFACE PIPE J.N. BURKHALTER, PE-LS SCHEMATIC OF CONTROL SYSTEM FOR DRILLING BROADHEAD WELLS MEAR CISCO, ITAH.

EXHIBIT "D"

MULTI-POINT REQUIREMENTS TO ACCOMPANY APD

WALTER D. BROADHEAD Federal Harris No. 2 SE⅓NW¼, Sec 33, T2OS, R24E, SLB&M Grand County, Utah

1. Existing Roads

- A. Exhibit "A" is the proposed well site as staked by Udell S. Williams, and the ground elevation is shown thereon.
- B. Exhibit "E" is the route and distance road map. The location is a total of 6.2 miles Northeasterly from Cisco, Utah. To reach the location travel Northeasterly from Cisco 5.0 miles on old U.S. Highway 6 & 24; turn right onto a 16' graded dirt road and go Southeasterly 1.2 miles, across a buried pipeline right-of-way, to the location, beside the road on the left.
- C. Exhibit "F" is a print of a portion of the Danish Flat, Utah, Quadrangle and shows the access road into the location.
- D. All known existing roads appear on Exhibits "E" and "F".
- E. This is considered a Wildcat Well.
- F. The roads leading to this location are in good condition to carry the traffic for this well.

2. Planned Access Roads

There is no new access road necessary for this location.

3. Location of Existing Wells

For all existing wells within a two-mile radius of the wildcat well, see Exhibit "E".

- (1) There are no water wells.
- (2) There are no abandoned wells.
- (3) There are no temporarily abandoned wells.
- (4) There are no disposal wells.
- (5) There are no drilling wells.
- (6) There are no producing wells.
- (7) There are no shut-in wells.(8) There are no injection wells.
- (8) There are no injection wells.(9) There are no monitoring or observation wells for other resources.

EXHIBIT "D" Federal Harris No. 2 Page 2

4. Location of Existing and/or Proposed Facilities

- A. Within a two-mile radius of this location are existing facilities owned or controlled by lessee/operator as shown on Exhibit "E".
- B. (1) Exhibit "I" shows all anticipated production facilities.

(2) The dimensions of production facilities shown on Exhibit "I" are drawn to a scale of 1" = 50'.

- (3) The only construction materials needed from outside the location would be gravel for a pad under separator and/or dehydrator unit. Gravel would be trucked into the location over the access road by the dirt contractor from the nearest commercial pit in the Cisco area.
- (4) If a small pit is required, it will be fenced and flagged.
- C. Rehabilitation, whether the well is productive or not, will be made on unused areas as soon as practical in accordance with the restoration plans presented in Item 10 following.

5. Location and Type of Water Supply

- A. Water will be trucked from Cisco Springs, 8.9 road miles Northwesterly of the location.
- B. Water will be trucked over the existing access roads by oilfield water trucks.
- C. No water well is planned.

6. Source of Construction Materials

A., B., C., D.

No construction materials are needed for drilling operations.

7. Methods for Handling Waste Disposal

- (1) Drill cuttings will be buried in the reserve pit when covered.
- (2) Drilling fluids will be contained in steel mud pits and the reserve pit. These fluids will be disposed of in the reserve pit.
- (3) Any hydrocarbon liquids produced while drill stem testing or production testing will be collected in a test tank near the pipe baskets or near the wellhead. Any unavoidable spills of oil or other adverse substances or materials will be covered or removed immediately during drilling progress or during completion operations.
- (4) Chemical toilet facilities will be provided for human waste.
- (5) Garbage and trash will be collected in a trash cage and its contents hauled to the nearest designated landfill.

EXHIBIT "D"
Federal Harris No. 2
Page 3

(6) The reserve pits will be fenced or covered as soon as practical upon removal of the rig. Other pits will be covered as soon as possible after removal of the rig.

8. Ancillary Facilities

No air strips, camps or other living facilities will be built off the location. The normal trailers will be on the location as seen on Exhibit "H".

9. Well Site Layout

- (1) Exhibit "G" is the drill pad layout. Topsoil will be stockpiled to specifications determined at the pre-drill inspection.
- (2) (3) The mud tanks, reserve pit, trash cage, pipe racks, living facilities, and soil material stockpiles, rig orientation, parking areas and access road are all shown on Exhibit "H".
 - (4) The reserve pits will not be lined. Steel mud tanks will be used, and are shown on Exhibit "H". If water is produced in production, an NTL-2b study will be initiated.

10. Plans for Restoration

- (1) Backfilling, leveling, and recontouring will be accomplished as soon as possible after plugging of the well, and on those unused areas if production is obtained. Waste disposal and spoils materials will be buried or hauled away.
- (2) Rehabilitation will be accomplished by recontouring as best practical back to blend with original contours. The stockpiled topsoil will be spread, along with ripping of the pad and road area (if so desired by surface owner). Revegetation will be accomplished using grasses chosen by B.L.M.
- (3) Three sides of the reserve pit will be fenced prior to drilling operations. Upon rig release, the reserve pit will be fenced on the fourth side and will remain until recontouring and cleanup operations are completed.
- (4) Any oil spills will be immediately reported, cleaned up, or flagged.
- (5) Rehabilitation operations will commence as soon as practical after rig moves off location. Earth work and seeding will be done during the Fall of 1981, if possible.

11. Other Information

As indicated on Exhibit "F", the topography of the location vicinity has very little relief. The location lies on a gentle plain which slopes Southeasterly 1-2%. This location lies Southeasterly of Interstate 70 and Northwesterly of the Colorado River.

The soil is a light tan to grey shallow soil, typical of Mancos formation.

The vegetation in the immediate area surrounding the location is sagebrush, Matt saltbush, shadscale, prickly pear cactus, Russian thistle, greasewood, and cheatgrass.

The fauna of the area consists of cattle, sheep, antelope, rabbits, lizards, ravens, meadow lark, killdeer, ground sparrows and martens.

The surface ownership is B.L.M. The surface use is grazing, petroleum production, and recreation.

The nearest live water is the Colorado River, 4 air miles Southeasterly of the location, as shown on Exhibit "E".

The nearest occupied dwelling is in Cisco, Utah, 5.0 road miles Southwesterly of the location, as shown on Exhibit "E".

There are no visible archaeological, historical, or cultural sites within any reasonable proximity to the proposed location site.

There are no reported restrictions or reservations noted on the oil and gas lease.

12. Lessee's or Operator's Representative

Walter D. Broadhead 1645 North 7th Street Grand Junction, Colorado 81501 Telephone 303/242-7717

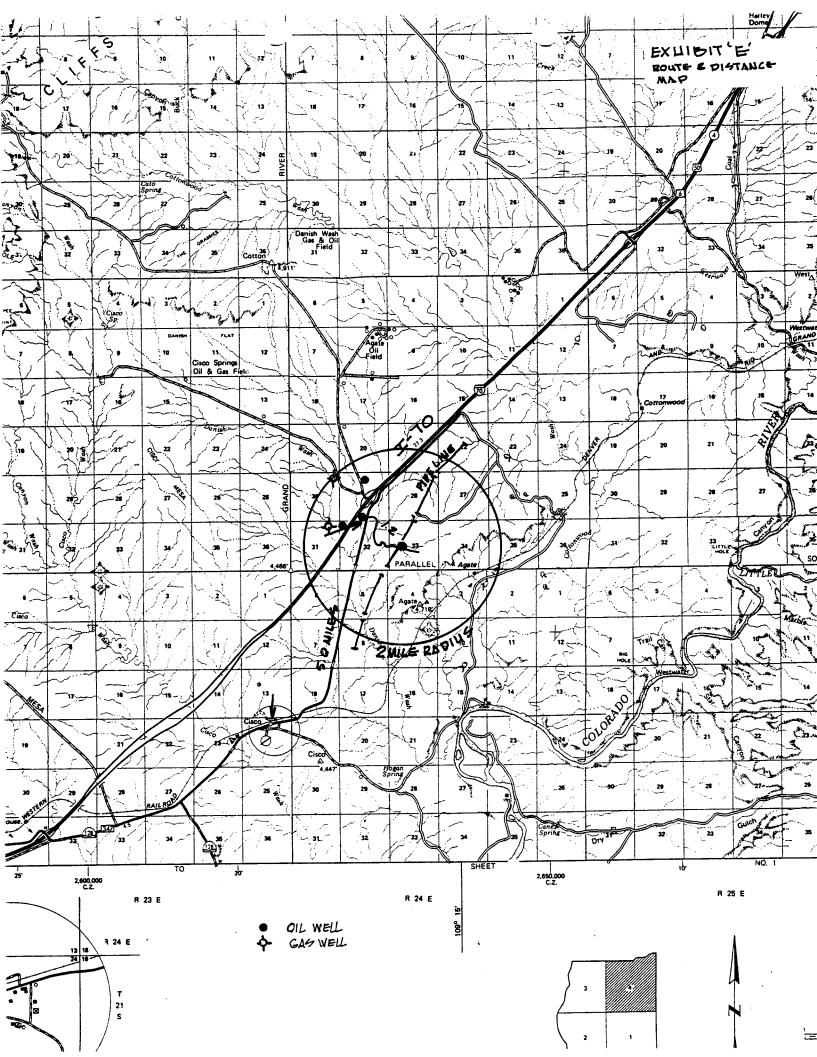
13. Certification

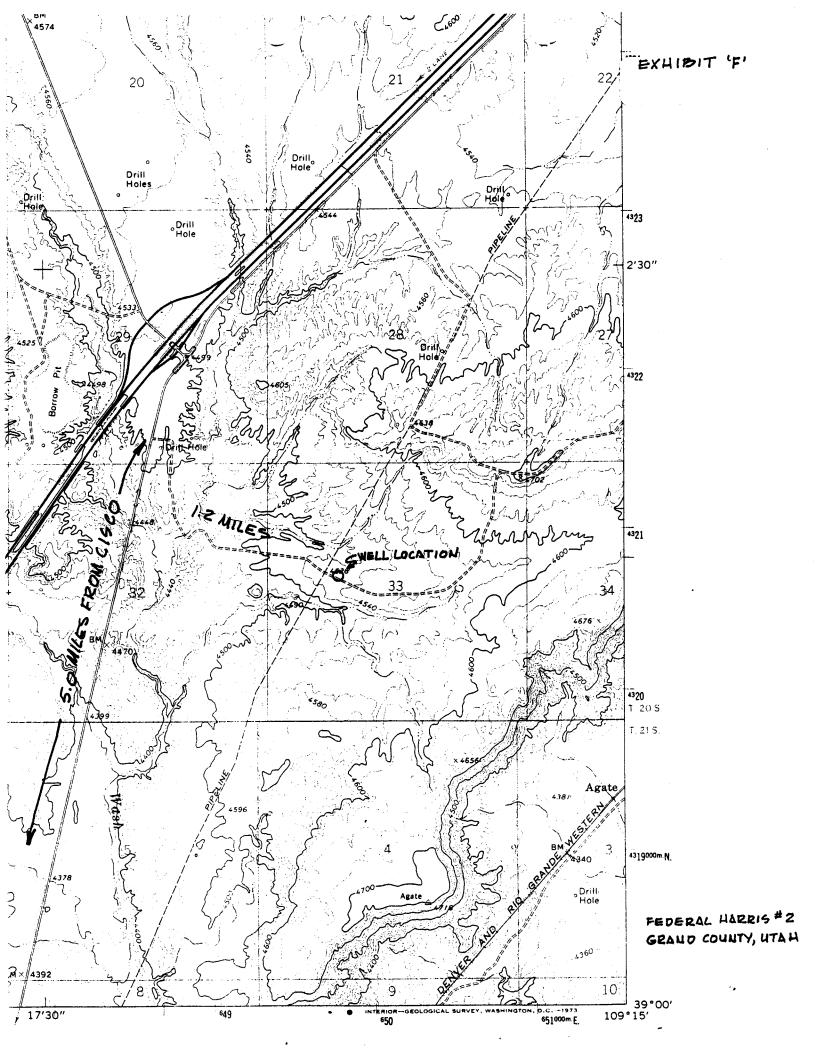
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by my contractors and subcontractors in conformity with this plan and terms and conditions under which it is approved.

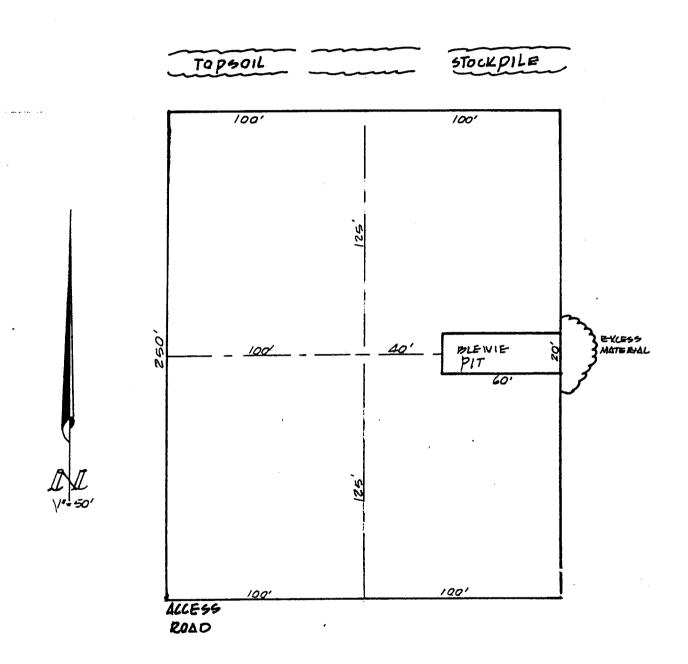
September 3, 1981

Date

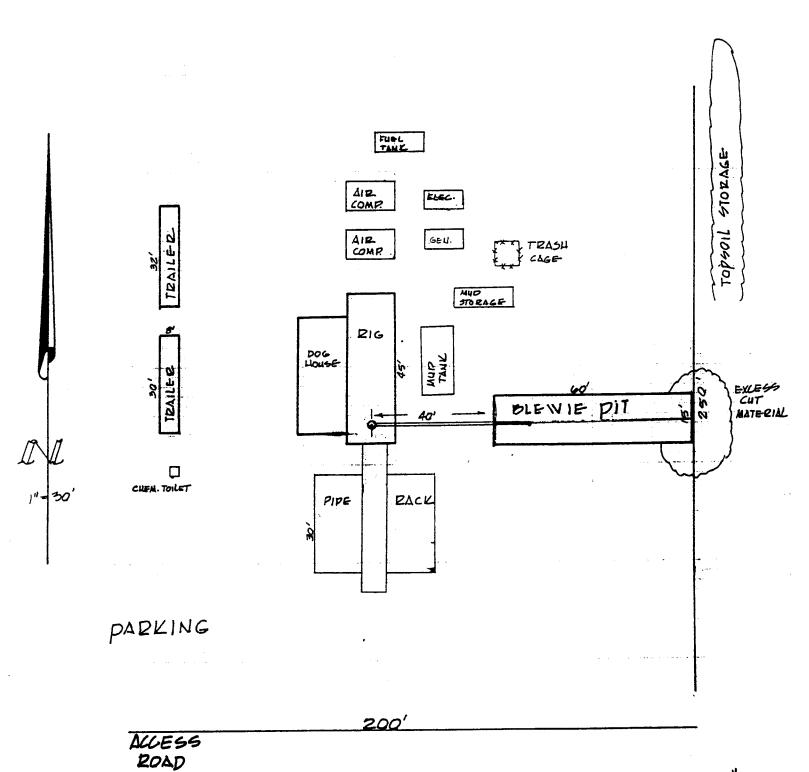
Malta Baccelland



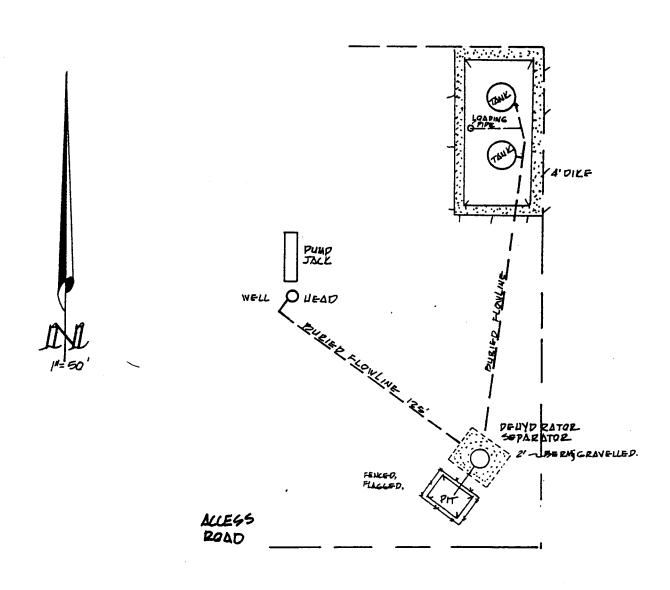




FEDERAL LIARRIS#2
WALTER REPRODURAD



FEDERAL HARRIS Z



FEDERAL HARRIS#2 GRAND COUNTY, UTA H

** FILE NOTATIONS **

DATE	TE: October 15, 1981	
	PERATOR: Thatter D. Broadh	lad
WELL	ELL NO: Federal Harris no	s. 2
Loca	ocation: Sec. <u>33</u> T. <u>205</u> R. <u>248</u>	County: Grand
File	le Prepared: Entered o	n N.I.D:
Card		n Sheet:
	API Number 43-015-	30873
CHEC	ECKED BY:	
	Petroleum Engineer:	
	Director:	
	Administrative Aide: as Pen One Atr. Atr. sedim line, ak on lease b	en Below, to dose to
APPR	PROVAL LETTER:	
	Bond Required: / Survey	Plat Required:
	Order No. 102-16B, 9-26-79 O.K. R	ule C-3
	Rule C-3(c), Topographic Exception - compan within a 660' radius of propos	y owns or controls acreage ed site
	Lease Designation \	d on Map
	Approval Letter Written	
	Hot Line P.I.	

DATE: October 15, 1981
OPERATOR: Statter D. Broadless
WELL NO: Federal Flanis no. 2
Location: Sec. 33 T. 205 R. 248 County: Brank
File Prepared:
Card Indexed: [] Called 11/15/83
API Number asked for Well
CHECKED BY: Completion forms. Mike Broadhead
Petroleum Engineer: asked for moustones
sent today
Director:
Administrative Aide: as Pen donder Below, to close to Atr. Atr. session line, akon lease boundy out a general
APPROVAL LETTER:
Bond Required: / / A sin the
Order No. 102-16B, 9-26- Fed records
Rule C-3(c), Topographic Excepti vithin a 660' radiu of 17-13-83
Lease Designation [ted] and land Freudiger
Approval Les
Hot Line P.I. C

October 28, 1981

Walter D. Broadhead 1645 Notth 7th, Grand Junction, Colo. 80501

RE: Well No. Federal #Harris #2, Sec. 33, T. 20S, R. 24E, Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 102-16B, dated August 26, 1979.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to <u>immediately</u> notify the following:

MICHAEL T. MINDER - Petroleum Engineer

Office: 533-5771 Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30873.

Sincerely

DIVISION OF OIL, GAS AND MINING

ellen & Jeglart Cleon B. Feight

Director

CBF/db CC: USGS

Oct 2' 1981 For the Hanis Lesserywell This is the Stipulation US requist Walte DB woodhoal OCT 29 199% INCHOR OF C. CAS & MINING

Submit in Triplicate

Rule 30 CFR 221.20 requires well shall not be drilled closer than 200 ft. from the lease boundary or 200 ft. from any legal sub-division without adequate reasons or consent.

District Oil and Gas Engineer U. S. Geological Survey Conservation Division 8440 Federal Building Salt Lake City, Utah 84138

OUT 2.0 1997

Re: Stipulation

& MINING

Dear Sir:

645 Lease 0-321/9 , and	
on the leased premises to test for oil and	gas at a location in the
SW & SE & NW & Section 33, T. 20 S, R. 24 E	, sl Mer.,
Grand County, State of	Utah , 2269 feet
SW SE NW Section 33, T. 20 S , R. 24 E Grand County, State of from North line and 1465 feet from	om West line of
Section 33	
	•
Section 221.20 of the Federal Oil and Gas Re	
no well be drilled less than 200' from the t	
subdivision without the written consent of t	
States Geological Survey. The proposed loca	ation is approximately
145 feet from the West SE k NW k of Section 33, t	boundary line of the
SE 4 NW 4 of Section 33 , t	out is considered to be
necessary because of Les than 200 Pt 1	Son 14 1/2 Line 2
	17/
Therefore, Abby Corporation ,	Lessee, requests the con-
sent of the Supervisor to the drilling of th	ne proposed well at the
above-described location. In consideration	of such consent,
Abby Corporation , Lessee, hereby expr	ressly covenants and agrees
that he will make no separate assignments of	f the SE % NW % and
the <u>SW ½ NW</u> ¼, Section 33 , T.	20 S , R. 24 E ,
SL Mer., and that he will keep the tw	o described subdivisions
under joint assignment until the above-menti	oned well has been plugged

and abandoned with the approval of the Supervisor.

Abby Corporation, a New Mex. Corp. is the owner of U. S. Oil and

Very truly yours,

Abby Corporation

Scott A. Harris

President

ON APPROVAL TO PLUG AND ABANDO FELL

Operator <u>u</u>	VALTER	BROAL	HEAD	Representa	ative_	WALTER	D.BROADH	FAD
Well No				_¼ Section	33 ·	Township 205 AND COUNTY		•
Lease No	4-32	179	Field			State	UTAH	
Unit Name Required D	and			Base	of fr	esh water san	ds	
T.D	00	Size hole Fell per s	and ack	Mud W	eight Top	<i>8·4</i> #/ga	1	
Casing Size	Set At	Top of Cement	To Be <u>Pulled</u>	From	_	Plugging Requi	Sacks Ceme	
	5101		1	0 5 x B	Su	eface + Ry	· Marker	
Formation		Base	Shows		-			
Salt Was	h 600'			200/	· -	100		
				4801	- -	4001		,
			·				<u> </u>	
				REMARKS			<i>+</i> ·	luc
DST's, lo	ost circu	alation zon	nes, water	zones, etc.	·—c	elean had)	TEN E
Approved	by_	mad ,	Mari	Date_	9-16	Time	1:30	p . III
cc	: ope	n. Whon	d. of app	Le of a popular	wal	1	HER	oas K
	BUT	MOAE VEC	s willow	of although		C	ELL PIL	
	$\pi \eta \gamma$	V-C	111/			<i>V</i>		_



4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 22, 1982

Walter D. Broadhead 1645 North 1st Street Grand Junction, Colorado 81501

ompleting I will ompleting I will spoke Re: Well No. Patsantaras Fee Pete #3
Sec. 32, T. 20S, R. 24E.
Grand County, Utah

Well No. Federal Harris #2 Sec. 33, T. 20S, R. 24E. Grand County, Utah

Well No. Federal Broadhead #2 Sec. 6, T. 21S, R. 24E. Grand County, Utah

Dear Mr. Broadhead,

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse Clerk Typist



4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

April 21, 1983

Walter D. Broadhead 1645 North 7th Street Grand Junction, Colorado 81501

> Re: Well No. Patsantaras Fee Pete # 3 Sec. 32, T. 20S, R. 24E. Grand County, Utah

> > Well No. Federal Harris # 2 Sec. 33, T. 20S, R. 24E. Grand County, Utah

Well No. State L. B. # 1 Sec. 32, T. 20S, R. 24E. Grand County, Utah

Dear Mr. Broadhead:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned wells are due and have not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

We will be happy to acknowledge receipt of response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a <u>firm</u> second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse

Well Records Specialist

CF/cf Enclosure



Scott M. Matheson, Governor Temple A. Reynolds, Executive Director Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771 September 14, 1983

Walter D. Broadhead 1645 North 7th Street Grand Junction, Colorado 81501 M. British 18183

2nd NOTICE

Well No. Patsantaras Fee Pete #

1820' FSL, 1182' FWL NW SW, Sec. 3, T. 20S, R. 24E.

Grand County, Utah

Well No. State L. B. / lv

2442' FSL, 2451' FEL NW SE, Sec. 32, T. 20S, R.

Grand County, Utah

Well No. Federal Harris # 2

2269' FNL, 1465' FWL SE NW, Sec. 33, T. 20S, R. 24E.

Grand County, Utah

Dear Mr. Broadhead:

On February 25, 1983, I spoke with you concerning the above referred to wells. This office had not and as of todays date has not received the Well Completion Reports for the above wells.

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned wells are due and have not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

continue de rules and regulat che above matter may result equired information as stated above with Respectfully,

Respectfully,

WINISION OF OIL, GAS AND MINING

WHITE AND MINING

Additional and the state of the s **You are in violation with the above rule. If you wish to continue developing business in the State of Utah, compliance with pertinent rules and regulations is essential. Further delay in your attention to the above matter may result in punitive action. Please submit the required information as stated above within

fifteen (15) days.

CF/cf Enclosure

UNITED STATES

	Budget	Bureau	No. 42	-R1424
 				
 A C C				

DEPARTMENT OF THE INTERIOR	U-32179
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different	7. UNIT AGREEMENT NAME
reservoir. Use Form 9-331-C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas 7	Fed Harris
well well other	9. WELL NO.
2. NAME OF OPERATOR Broadhlad	Fed HOVYIS N2 10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR Grand Tunctum (11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) 1269 PNL 1465 PWL SELFNW	1 AREA 39 T205 P24E SA
AT SURFACE! AT TOP PROD. INTERVAL: AT TOTAL DEPTH: Section 33, T 105, R246	12. COUNTY OR PARISH 13. STATE Crand Utah
	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE	43-019-30873
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF	W 45-33"
TEST WATER SHUT-OFF	
FRACTURE TREAT	
SHOOT OR ACIDIZE \Box	
REPAIR WELL	(NOTE: Report results of multiple completion or zone
PULL OR ALTER CASING	change on Form 9–330.)
CHANGE ZONES	
ABANDON* (X)	
(other)	
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is d measured and true vertical depths for all markers and zones pertinent	irectionally drilled, give subsurface locations and
measured and true vertical depths for all markers and zones pertinent 84' 711 1768. Lasing Dec 24, 1926, 62, hobe to 600' with air Missi	WILL BO SEX
ー ナハ・ノスペー・ノター ラフ・オノ	
0 x = 30 430 105- Lb with 4	5×
Perforated WITH 20 holes at a	185 10775
boll Leave easing in not a	410 1111
will Leave easing in hola will Fill hole with lement	L, With Dry Mole Mer
Subsurface Safety Valve: Manu. and Type	Set @ Ft.
18. I hereby certify that the foregoing is true and correct	
SIGNED Walter DB 1000 King / TITLE Operat	DATE 100 9 1983
(This space for Federal or State offi	ce use)
APPROVED BY TITLE	ACCIONED BY THE STATE
CONDITIONS OF APPROVAL, IF ANY:	OF UTAH DIVISION OF
	OIL, GAS, AND MINING
	DATE:

UTAH STATE DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL AND GAS

INSPECTION RECORD - ABANDONMENT

Date 1-4-84	WELL NAME FEDERAL HARRIS #2
Location $(T-R-S)$ 20S-24E-33	Operatorw.D. BROADHEAD
Field Area Greater Cisco Area	Contractor & Rig
County GRAND	Lease NumberU-32179
State UTAH	Type of Well* <u>DRY</u>
Inspector W. MOORE NO Moore	INC Issued
1. Plugs spotted across perforations if of 2. Plugs spotted at casing stubs? 3. Open hole plugs spotted as specified? 4. Retainers, bridge plugs, or packers set. 5. Cement quantities as specified? 6. Method of verifying and testing plugs 7. Pipe withdrawal rate satisfactory after. 8. All annular spaces plugged to surface?	as specified? as specified? er spotting plug?
Plug tested: // No // Pres If tested, which plug(s)	
Cement and mechanical plug placement data available):	(attach service company report if
Cement plug spotting method:	
Operation(s) witnessed:	
Additional Remarks: <u>PIT NOT FILLED A</u> CONTOURS. OTHERWISE PROPERLY MARKE	

^{*} Dry hole, depleted producer, service, water well, etc.

UNITED STATES

UNITED STATES	5. LEASE // 29170					
DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME					
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME					
Do not use this form for proposals to drill or to deepen or plug back to a different eservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME					
1. oil gas other 72	Fee Harris					
2. NAME OF OPERATOR	9. WELL NO. HOYIS NOL					
Walter D. Broadherd	10. FIELD OR WILDCAT NAME					
3. ADDRESS OF OPERATOR	Greater eisco Avea					
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	11. SEC., T., R., M., OR BLK. AND SURVEY OR					
below.) 3269 FNL. 1465 FU.L.	Sec 33, T.208, 12,24E, SLM					
AT SURFACE: Sec 33 TJOS 1714E	12. COUNTY OR PARISH 13. STATE					
AT TOTAL DEPTH: 600	14. API NO.					
6. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	43-019-30873					
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)					
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORTS OF:	40 30 av.					
TEST WATER SHUT-OFF						
FRACTURE TREAT						
REPAIR WELL	(NOTE: Report results of multiple completion or zone change on Form 9–330.):					
PULL OR ALTER CASING	Change on Form 9-330.).					
CHANGE ZONES	그 그 그 그 그 이 사람들은 그 나를 보고 있다.					
ABANDON*	그 그 그 그 그 그 그 살아왔는 그리는 생활하다고 했다.					
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is dimeasured and true vertical depths for all markers and zones pertinent	irectionally drilled, give subsurface locations and					
T.D. 600'						
Set 530' 45" e aseing						
Lest caseing in hale						
Filled easing with 40 5x						
with Dru hoto marker	·					
with Dry hoto Marker Eleaned Location Nov 12,1983						
Filled pil Jan 10-84						
Subsurface Safety Valve: Manu. and Type	Set @ Ft.					
18. I hereby certify that the foregoing is true and correct	7					
SIGNED Walter Beoodhatitle operator	DATE San 26-84					
(This space for Federal or State off	ice use)					
APPROVED BY TITLE	ARREST BY THE STATE					
CONDITIONS OF APPROVAL, IF ANY: *See Instructions on Reverse S	OF UTAH DIVISION OF OIL, GAS, AND MINING					

JTAH STATE (

UBMIT	IN	DUP	'^ATE*
(See o	ther	inst	កាន
On	reve	TSC SIC	

	PARTMENT DIVISION OF	•							U-3	21		
WELL CO	MPLETION	OR REG	COMPLET	ION F	REPORT	AND	LOG	*	6. IF INDIAN,	ALLOTT	28 OR TRIBE NAME	
ia. TYPE OF WEL	L: or w			¥-7	Other				7. UNIT AGREE	MENT	NAME	
NEW WELL		EEP- PL	OG DIF	P. UVR.	Other				S. FARM OR LI			
2. NAME OF OPERAT	ron	1.6	1						FCd / 9. WELL NO.	H2.	xx 15	
Walter D. 3. ADDRESS OF OPE	Brose	the 20	<u> </u>									
4. LOCATION OF WEI	51. Gr 2	endSu	netio	n le	3/0. 8	150	31	-	10. FIELD AND	POOL,	OR WILDCAT	
4. LOCATION OF WEI	LL (Report local	NL. 14	d in accordance	e with any	State requir	ements F)•	-	11. BEC., 1., 8.	,, ٧=	CISCO FIVEZ	
At top prod. int		-	•				,	\$	33, T2	181	P24E	
At total depth	600			-04/					44, 744	•	•	
			t.	RAIT NO.	-	DATE IS	SSUED		12. COUNTY OF	1	13. STATE	
E 1.00 (17/100)				19-3					BYBYC		W. CABINGHBAD	
5. date spudded 19-20-81	16. DATE T.D.		. DATE COMPL.	(Ready to	prod.) 18.	PELEVA	ITIONE (DF, リケー	33°	, GR, ETC.)*		C33'	
60. TOTAL DEPTH, MD		UG. BACK T.D., 1		HOW M	TIPLE COMPL.		23. INTER	ED BY	Potary Tools	5	CABLE TOOLS	
4. PRODUCING INTER				NAME (M	D AND TVD)*	!		<u> </u>	181014	25.	WAS DIRECTIONAL SURVEY MADE	
		7									No	
6. TYPE ELECTRIC A	NO OTHER LOGS	25 6	am m	A RZ	in los	let	ion L	ag	\leq 2	7. WAS	WELL COARD	
			CASING RECO			set in		v				
CASING SIZE	WEIGHT, LE		H SET (MD)	.	S S	n		NTING R			AMOUNT PULLED	
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	7013		∪ ¥		7							
	<u> </u>					· · · · · · · · · · · · · · · · · · ·			17712 7720			
9. SIZE	TOP (MD)	BOTTOM (M	,	EMENT*	ENT* SCREEN (MD)		30.		TUBING RECORD		PACKER SET (MD)	
							· <u>·</u>					
1. PERFORATION REC	ORD (Interval,	ise and numb	er) ,	}	32.	ACIT	SHOT I	PRACTIT	RE, CEMENT	SOUTE	ZE ETC	
488' 104	96 2 ps	v Ft.	1/2 in		DEPTH INT				UNT AND KIND			
	,											
3.•				PROD	UCTION							
ATR FIRST PRODUCTI	ION PROI	OUCTION METH	OD (Flowing, g	as lift, pu	mping—size	and typ	e of pump))	WELL ST		Producing or	
ATE OF TEST	HOURS TESTED	CHOKE		N. FOR PERIOD	OIL—BÉL.		GAS-MCF		WATER—BBL.	G/	AS-OIL RATIO	
LOW. TUBING PRESS.	CASING PRESS	CRE CALCULA 24-HOUR		BBL.	GAS	MCF.		VATER—E	BBL.	OIL GRA	VITY-API (CORR.)	
4. DISPOSITION OF G	AS (Sold, used fo	or fuel, vented,	etc.)		·				TEST WITNESS	ED BY		
5. LIST OF ATTACH	MENTS							1_	····			
6. I hereby certify	that the forego	ing and attack	ned information	is compl	ete and corre	et as c	determined	from a	li available rec	ords		
signed <u>Ha</u>	ltu Il	Broall	wael TI	TLE	oper	2 K	27		DATE	Ja.	n76-84	
												

INSTRUCTIONS

or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions. It is to be time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and or equiations. All attachments abound be listed on this form, see item 35.

Here 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency

or Federal office for specific instructions.

Hem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Hems 22 and 24: If this well is completed for separate production from more than one interval sone (multiple completion), so state in item 24 and in item 24 show the producing interval, to intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 88. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Hem 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Hem 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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		trub vert. Dept		. •	•			•		:* -	•			
		LUB V				•		er :			, h			;
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IC MA		MEAS												
GEOLOGIC MARKERS					·									
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38.					·		,							
DRED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING ND SHUT-IN PRESSURES, AND RECOVERIES														
FB, 136												,	-	
4 TB61		,	, ,				.*	•	. •		,			
COVBRI	FTC.		ys -	7										
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SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CO DEPTH INTERVAL TESTED, CUSHION USED, TIMB TOOL OPEN, FLOWING AN	_													·
ALL IN INTERV	×	<i></i>	ام	40	yean tres									
HOW.	FORMATION	Wances	Detrata	٠ ٢٧	, ω ,									
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